

Rabbit CDH7 Polyclonal Antibody | anti-CDH7 antibody

CDH7 Antibody

CATALOG # AAA324221	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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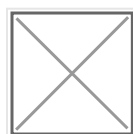
PRODUCT SYNONYMS

CDH7; Polyclonal Antibody; CDH7 Antibody; Cadherin 7 type 2; Cadherin7; CDH 7; CDH7L1; anti-CDH7 antibody

PRODUCT SPECIFICATIONS

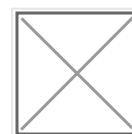
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDH7 antibody detects endogenous levels of total CDH7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	630
Applicable Applications for anti-CDH7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane; Single-Pass Type I Membrane Protein
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using CDH7 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324221 staining A549 by IF/ICC. The sample was fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH7 antibody	Function: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Similarity: Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	953953875
NCBI GeneID	1005
NCBI Accession #	NP_001304143.1
NCBI GenBank Nucleotide #	NM_001317214.2
UniProt Accession #	Q9ULB5; Q9H157
Molecular Weight	Observed: 87 kD Predicted: 88 kDa
NCBI Official Full Name	cadherin-7 isoform 2
NCBI Official Synonym Full Names	cadherin 7
NCBI Official Symbol	CDH7
NCBI Official Synonym Symbols	CDH7L1
NCBI Protein Information	cadherin-7
UniProt Protein Name	Cadherin-7
UniProt Gene Name	CDH7
UniProt Synonym Gene Names	CDH7L1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh7-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324221>